CONTENTS

Acknowledgements	iii
Introduction	
Background	1
Vision	2
Overview of Senior Years Industrial Arts Framework	5
Framework Rationale	5
Industrial Arts Strands	6
Instructional Philosophy	6
Implementation Techniques	8
Instructional Approaches and Assessment	8
Glossary of Instructional Approaches	10
Learning Outcomes Structure	13
Senior Years General Learning Outcomes	
General Learning Outcomes	17
Fundamental Skills	18
Personal Skills	18
Production Skills	19

Senior Years Specific Learning Outcomes		23
	A Guide to Reading Learning Outcome Numbering	25
Senior	Years Drafting Design Technology	27
	Fundamental Skills	29
	Personal Skills	32
	Production Skills	38
Senior	Years Electricity/Electronics Technology	47
	Fundamental Skills	49
	Personal Skills	52
	Production Skills	58
Senior	Years Graphic Communication Technology	65
	Fundamental Skills	67
	Personal Skills	70
	Production Skills	76
Senior	Years Metalwork Technology	83
	Fundamental Skills	85
	Personal Skills	88
	Production Skills	94

Senior Years Power Mechanics Technology	
Fundamental Skills	103
Personal Skills	106
Production Skills	112
Senior Years Woodwork Technology	
Fundamental Skills	123
Personal Skills	126
Production Skills	132
Appendices	
Appendix A: Writing Learning Outcomes	141
Appendix B: A Design/Problem-Solving Process	145
References	147